

Expert Consultation and Meeting on Enhancing Geospatial Information Management Arrangements and Accelerating Implementation of the Sustainable Development Goals, and the Sub-regional Workshop on the United Nations Integrated Geospatial Information Framework (UN-IGIF) for Central Asia, South Asia, and neighboring countries

Implementing geospatial strategies: challenges and opportunities

High-level introduction to the Country Action Plan Process (CAP)



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What is a Country Action Plan (CAP)?

A formal, government-led policy document outlining strategic goals, specific steps, and a roadmap for a nation to improve its national geospatial information management capabilities

- ➡ Guided by frameworks like the United Nations Integrated Geospatial Information Framework (UN IGIF), this kind of plan helps countries leverage location-based data to address economic, social, and environmental challenges, bridge the geospatial digital divide, and achieve development goals.
- ➡ Can take different names depending on the country (Country Action Plan, NSDI strategy, strategic action plan, integrated geospatial action plan,...)



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What is a Country Action Plan (CAP)?

Strategy (what, why)

Action plan (who, how, when)



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What are the minimum requirements for a government-led policy document to be considered a CAP aligned to the IGIF ?

To be considered a Country Action Plan (CAP) under the UN-GGIM Integrated Geospatial Information Framework (IGIF), a governmental document must meet the following minimum requirements (**preliminary list**):

1. Country-specific context and leadership:

- Include or align with a governance structure that defines institutional roles, responsibilities, and coordination structures for implementation.
- Country-led and tailored to the nation's specific priorities, capacities, and institutional context related to geospatial information management.
- Demonstrate that the development process has been inclusive and participatory, engaging government agencies, the private sector, academia, and civil society groups as key stakeholders.



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What are the minimum requirements for a government-led policy document to be considered a CAP aligned to the IGIF ?

2. Address all nine IGIF strategic pathways:

- Address all nine strategic pathways outlined in the IGIF Implementation Guide to ensure a holistic and integrated approach to geospatial development.

3. Contribute to SDGs:

- Demonstrate how its planned actions will support the country's progress toward achieving the Sustainable Development Goals (SDGs)

4. Evidence-Based through Assessments:

- Built on comprehensive baseline analysis and gap assessment to understand current capacities, strengths, and weaknesses across sectors.

5. Strategic framework:

- Is guided by a clear vision, mission and objectives/goals and guiding principles aligned with national, regional and/or global priorities



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What are the minimum requirements for a government-led policy document to be considered a CAP aligned to the IGIF ?

6. Clear implementation roadmap/action plan:

- Contain at least the following for each expected outcome, activity or deliverable:
 - Lead or participate in the activities.
 - An implementation schedule/timeline.
 - A budget, funding requirements, and investment needs
- A monitoring and evaluation plan with indicators to track progress, measuring outcomes, and ensuring accountability.
- Operational considerations, potential risks, and mitigation strategies.



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The IGIF CAP process

a) Component One - Planning and preparing

- ▶ 1) Project Initiation and Pre-needs Assessment
- ▶ 2) Stakeholder Identification and Analysis - [English](#)
- ▶ 3) Plan of Action (to design and develop country-level Action Plan) - [English](#)

b) Component Two - Assessing and analyzing

- ▶ 4) Current and Desired (or Future) Situation Assessment - [English](#)
- ▶ 5) Baseline Survey - [English](#)
- ▶ 6) Environmental Scanning and Analysis (for understanding national situation) - [English](#)
- ▶ 7) Stakeholder Engagement Workshop - [English](#)
- ▶ 8) Strategic Alignment (and Benefits) Exercise - [English](#)
- ▶ 9) Vision, Mission and Goals - [English](#)
- ▶ 10) Gap Analysis Matrix - [English](#)
- ▶ 11) Needs Assessment and Gap Analysis Report - [English](#)

c) Component Three - Designing and developing

- ▶ 12) Country-level Action Plan (Template) - [English](#)
- ▶ 13) Strategic Pathway Actions and Activities - [English](#)
- ▶ 14) Implementation Schedule
- ▶ 15) Budget Estimations
- ▶ 16) Success Indicators

<https://ggim.un.org/UN-IGIF/part3.cshtml>

16 tasks recommended for the development of a CAP with associated tools

Helps reach the requirements set for a CAP to be aligned to the IGIF

Can be quite a long process if the tasks are implemented one by one



Tasks can be grouped to save time and resources



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The condensed IGIF CAP process (under development)

1. The current 16 tasks will be combined into the following 5 main and consecutive activities:
 - A. Project Initiation
 - B. Strategic framework development
 - C. Stakeholder engagement
 - D. Geo-enablement level assessment
 - E. National strategy and/or action plan development
2. The documents from the current CAP process will be integrated into the relevant activity under the form of supporting tools
3. New supporting tools to replace or complement those currently documented under the CAP process will be developed
4. The overall process will be documented other the form of a toolkit

 Shorter process emphasizing stakeholder engagement



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World Bank IGIF Implementation Methodology (for information)

Step 1: Baseline Assessment

Analytical Tool 1 – IGIF Baseline Diagnostic Tool (DT): this provides an assessment of the “as is” position of geospatial information management in the country, structured around the nine IGIF pathways

Step 2: Impact Assessment and Action Plan

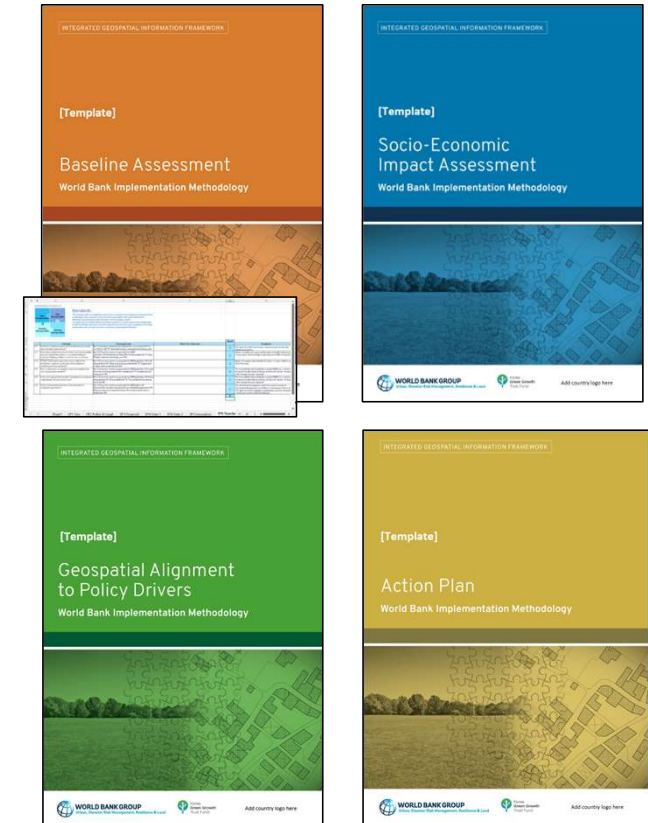
Analytical Tool 2.1 – IGIF Alignment to Government Policy Drivers: this tool is used to align the Government’s strategic objectives and international commitments to specific spatial use cases (applications) and then prioritizes them based on how well they support and accelerate achieving these strategic objectives.

Analytical Tool 2.2 – IGIF Socio-Economic Impact Assessment: this tool delivers an assessment of the socio-economic business case for investment in an SDI from both qualitative and quantitative perspectives.

Analytical Tool 2.3 – IGIF Action Plan: this tool builds on the previous deliverables to create or update a high-level geospatial strategy and a corresponding costed plan roadmap for SDI enhancements, presented as a series of interdependent policy interventions and implementation projects.

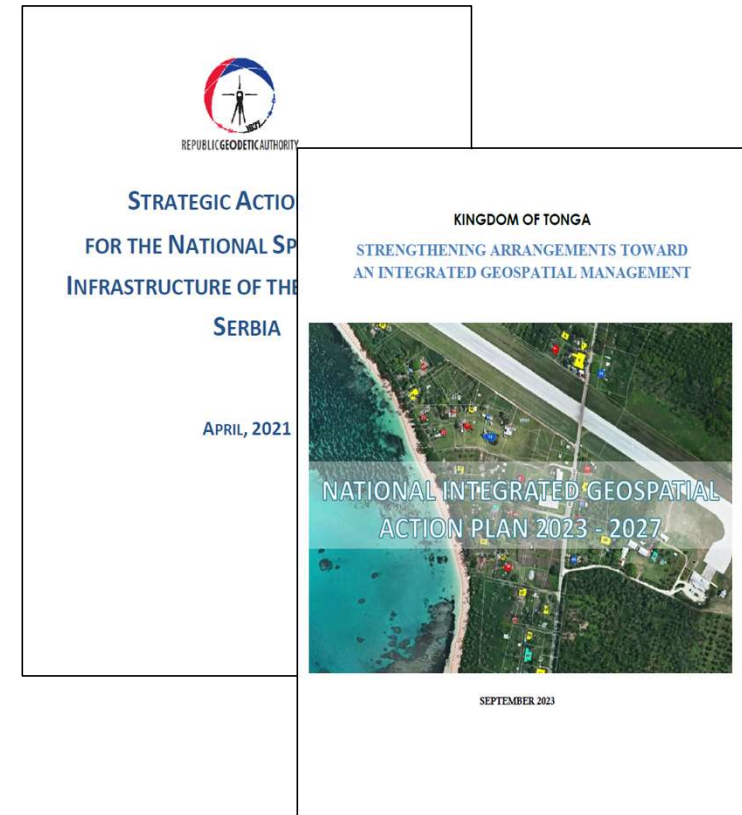
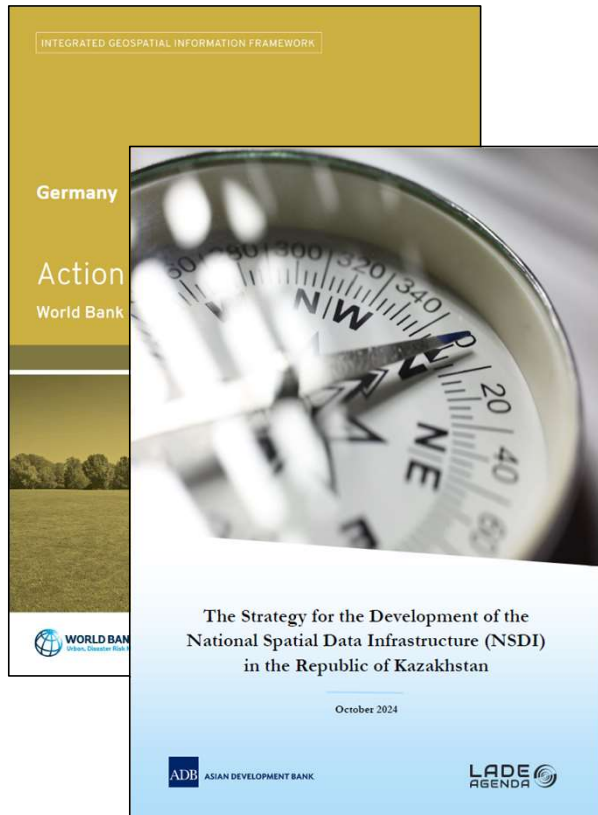
Step 3: Investment and Implementation

Once the Action Plan has been approved in terms of scope, investment plan and priorities, then work will commence to identify sources of government and international funding



<https://tinyurl.com/4yacwwur>

Alignment of some government-led policy documents with the preliminary list of requirements



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Alignment of some government-led policy documents with the preliminary list of requirements

	Germany	Kazakhstan	Moldova	Mongolia	Serbia	Tonga
1. Country-specific context and leadership:						
Include or align with a governance structure that defines institutional roles, responsibilities, and coordination structures for implementation.	Yes	Yes	Yes	Yes	Yes	Yes
Country-led	Yes	Unclear	No	Unclear	Unclear	Yes
Tailored to the nation's specific priorities, capacities, and institutional context related to geospatial information management.	Unclear	Unclear	Yes	Yes	Yes	Yes
Demonstrate that the development process has been inclusive and participatory, engaging government agencies, the private sector, academia, and civil society groups as key stakeholders.	Unclear	Unclear	Unclear	Unclear	Unclear	Yes
2. Address all nine IGIF strategic pathways:						
Address all nine strategic pathways outlined in the IGIF Implementation Guide to ensure a holistic and integrated approach to geospatial development.	Yes	Partial	Yes	Yes	Yes	Yes
3. Contribute to SDGs						
Demonstrate how its planned actions will support the country's progress toward achieving the Sustainable Development Goals (SDGs)	Yes	Unclear	Yes	No	Yes	Yes
4. Evidence-Based through Assessments:						
Built on comprehensive baseline analysis and gap assessment to understand current capacities, strengths, and weaknesses across sectors.	Yes	Yes	Yes	Partial	Yes	Yes
5. Strategic framework:						
Vision	Yes	Yes	Yes	Yes	Yes	Yes
Mission	Yes	Yes	No	Yes	Yes	Yes
Objectives/goals	Yes	Yes	Yes	Yes	Yes	Yes
Guiding principles	No	No	Yes	Yes	No	No
6. Clear implementation roadmap/action plan:						
Expected outcomes, activities or deliverables.	Yes	Yes	Yes	Yes	Yes	Yes
Lead and participatory agencies	Partial	Yes	No	No	No	Yes
Implementation schedule/timeline.	Partial	Yes	Yes	No	No	Yes
Budget, funding requirements, and investment needs	No	Yes	Yes	No	No	Yes
A monitoring and evaluation plan with indicators to track progress, measuring outcomes, and ensuring accountability.	No	Yes	Partial	No	Yes	Yes
Operational considerations, potential risks, and mitigation strategies.	Yes	Partial	Yes	No	Yes	Yes
Methodology/tools used	World Bank	Not mentioned	World Bank	Not mentioned	World Bank	Current CAP process
Comment	! Missing or incomplete requirements might be covered in another document !					
	CAP complementing the SDI Germany strategy with IGIF specific activities	Covers only 3 IGIF strategic pathways				